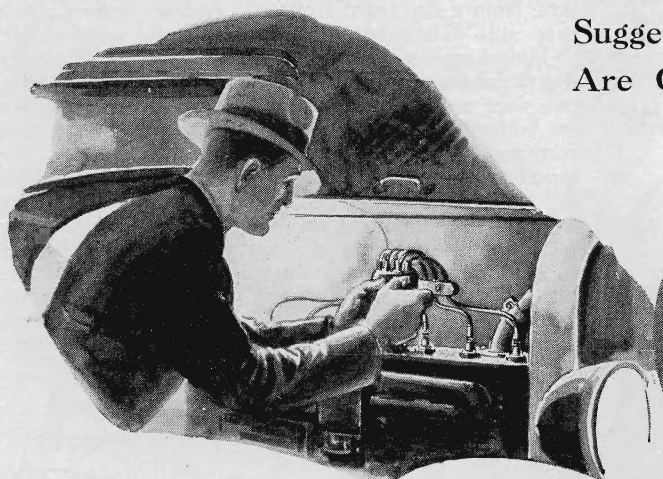


Handy Hints for Motorists

Suggestions Valuable to All Car Drivers
Are Contributed by Experienced Readers



By installing a lamp fixture on the front of the dashboard, as shown in the circle, a light is provided for your work as indicated above



ALTHOUGH a flashlight is a convenient accessory when making emergency motor repairs or checking the oil at night, it is generally not in the car when most needed. However, the amateur mechanic can provide a convenient motor light by installing an ordinary dashboard lamp fixture on the front surface of the dash or motor compartment cowl. The dashboard fixture should be of the older type having a built-in switch. These can be purchased cheaply from auto parts dealers or can be salvaged from old cars in an auto graveyard. The metal dash or cowl forms the ground and the second wire is connected to the ammeter. By removing the glare shield from the fixture you can fit it with a headlight bulb.—L. VAN T.

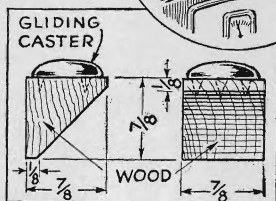
Reflects Traffic Light

OVERHEAD traffic lights, cut from view by the top of your car when you head the line at an intersection, can be made visible by a simple windshield reflector made from a block of wood and a highly polished, nickel-plated, steel furniture leg glide. As shown in the illustration, the glide or caster is driven into the top of a triangular block of wood. To avoid splitting the wood, it is best to drive the glide before cut-

ting the block to shape. Glue the wood block close to the bottom edge of the windshield and in such a position that the dome-shaped surface of the glide is seen easily from the driver's seat. When properly placed, the curved glide will reflect the overhead lights.—L. C. P.

Speed Governor

PERMANENT harm can be done a new car by driving it at excessive speeds during the first 2,000 miles. A short length of one-half inch pipe can be made to serve as a simple speed governor during this period. The foot knob on the accelerator is first removed, the short pipe



Drawing shows how caster is set to reflect overhead light

slipped over the rod, and the knob screwed back into place. The pipe or sleeve then prevents the accelerator from being pushed down below a certain point according to the

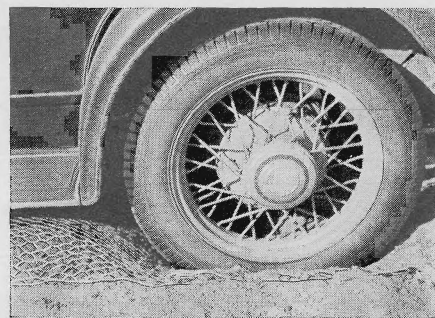
maximum speed recommended. Cut the pipe approximately to length and then add thin washers to obtain the final speed adjustment. You can judge the approximate length of the pipe by pressing down

the accelerator until the highest speed at which the new car should be driven is obtained. Then note the distance between the underside of the accelerator foot knob and the floor boards and cut the pipe to fit. This simple device also would prove of genuine use when the inexperienced person first starts driving as it would prevent sudden jerks.—F. X. P., Jr.

Wire Netting for Sand

FOR the summer motorist who intends to travel off the paved highways at the seashore, a four-foot strip of chicken wire netting will prove a useful addition

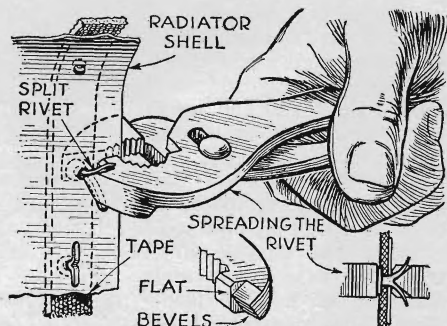
to the tool kit. If the car gets stuck in the sand, it is necessary only to slip the strip of netting under the wheel and apply the power. The wheel resting in the sand will climb right out of the hole without the usual spinning and strain on the drive shaft. The same strip of netting can be carried during the rest of the year for use in case the car gets stuck in the mud. Being flexible, the netting can be rolled into a small bundle and stored under the seat.—K. F.



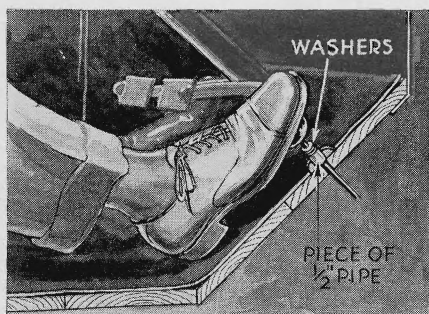
Wire netting carried in tool box is helpful if used as shown, when car gets stuck in sand

Rivet Pliers

WHEN replacing small split rivets, it is often difficult to fasten them with ordinary tools. This is especially so when it is necessary to renew the rivets that hold the canvas lacing to the radiator shell and cowl of an automobile. By reshaping the tip of an inexpensive pair of slip joint pliers, however, you can make a special split rivet tool. On an emery wheel, regrind one jaw to a beveled point for a distance of $\frac{1}{4}$ in. back from the tip. Directly behind this angle, also slightly bevel the sharp edges of the flat jaw. The V-shaped tip is used for the splitting operation while the beveled flat portion at the rear serves for squeezing the rivet flat.—W. H. A.



Drawing of slip joint pliers reshaped for use as a special split rivet tool for emergencies



A piece of half-inch pipe, set beneath the accelerator, keeps car within permitted speed